

The diagram illustrates a data replication system 500, which is divided into three main sites: Primary Site, Secondary Site, and Ternary Site.

- Primary Site (10):** Contains a **Host** (12) and a **Timer** (11). The Host is connected to a **Control Program** (12). The Timer is connected to a **Timer** (11). The Host is connected to a **Storage System** (20a) via a **Host Interface** (13h) and a **Control Program Interface** (16h). The Storage System (20a) contains **A-Vol** (30a), **B-Vol** (40a), and **D-Vol** (50a).
- Secondary Site (2):** Contains a **Storage System** (23a) with **S-Vol** (33a).
- Ternary Site (3):** Contains a **Storage System** (27a) with **C-Vol** (37a), **D-Vol** (47a), and **E-Vol** (57a).

Interconnections between the sites are shown as follows:

- Primary Site to Secondary Site:** A **Host Interface** (13a) connects the Host to the Secondary Site. A **Control Program Interface** (16a) connects the Control Program to the Secondary Site.
- Primary Site to Ternary Site:** A **Host Interface** (13h) connects the Host to the Ternary Site. A **Control Program Interface** (16h) connects the Control Program to the Ternary Site.
- Secondary Site to Ternary Site:** A **Host Interface** (23h) connects the Secondary Site to the Ternary Site. A **Control Program Interface** (26h) connects the Control Program to the Ternary Site.

The diagram also shows a **Storage System** (20a) in the Primary Site, which contains **A-Vol** (30a), **B-Vol** (40a), and **D-Vol** (50a). The **Storage System** (23a) in the Secondary Site contains **S-Vol** (33a). The **Storage System** (27a) in the Ternary Site contains **C-Vol** (37a), **D-Vol** (47a), and **E-Vol** (57a).

Fig.2

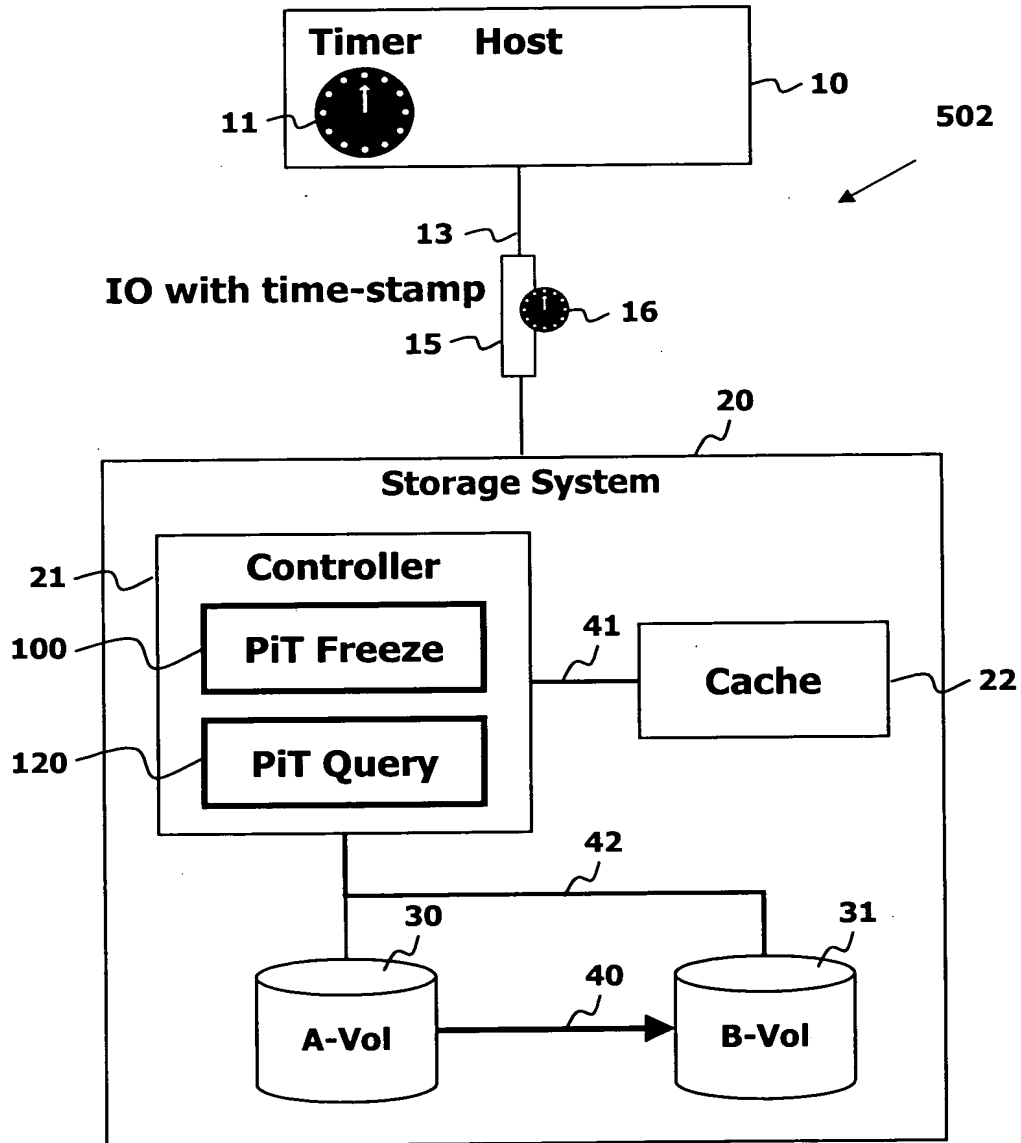


Fig.3

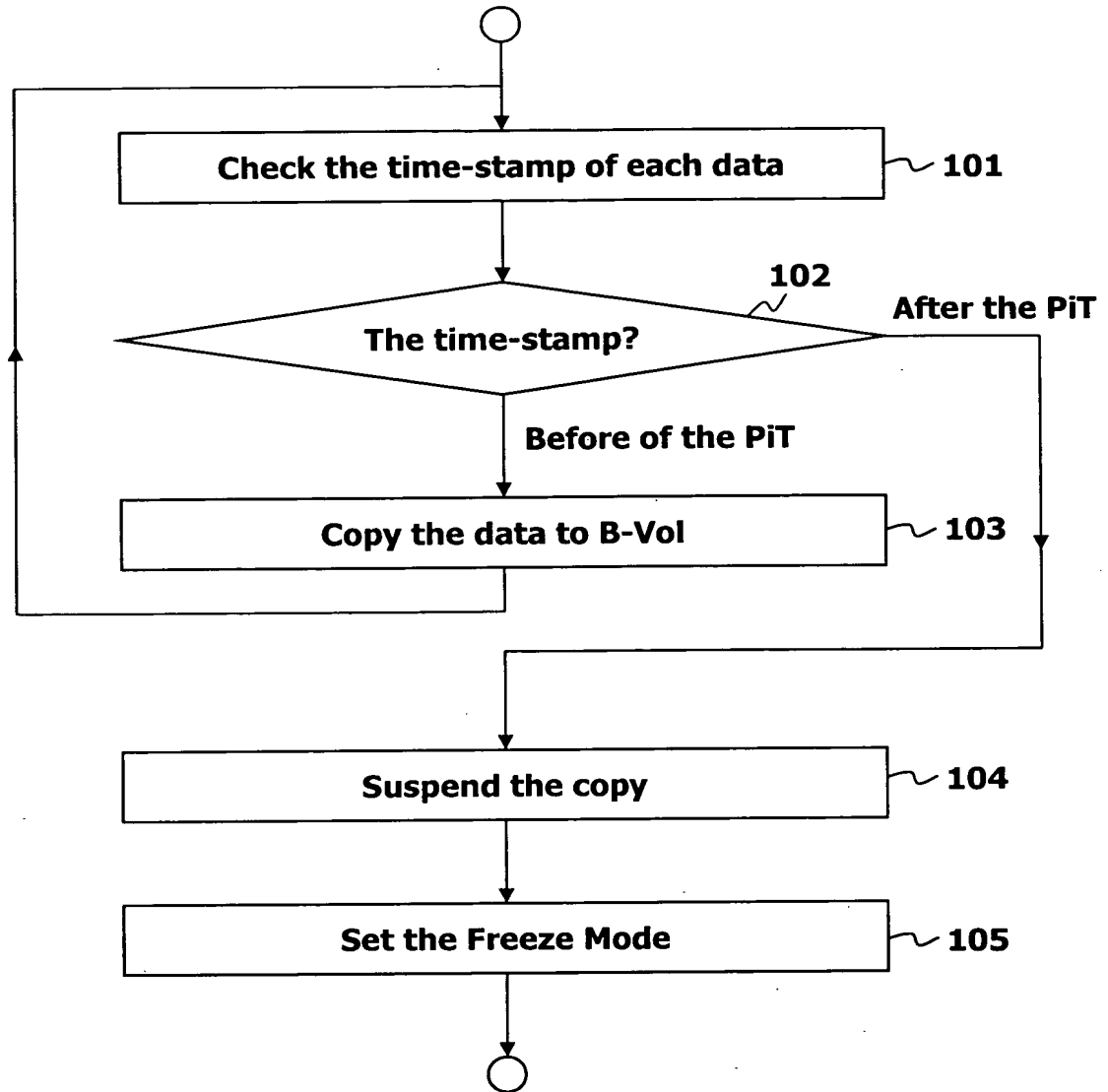


Fig.4

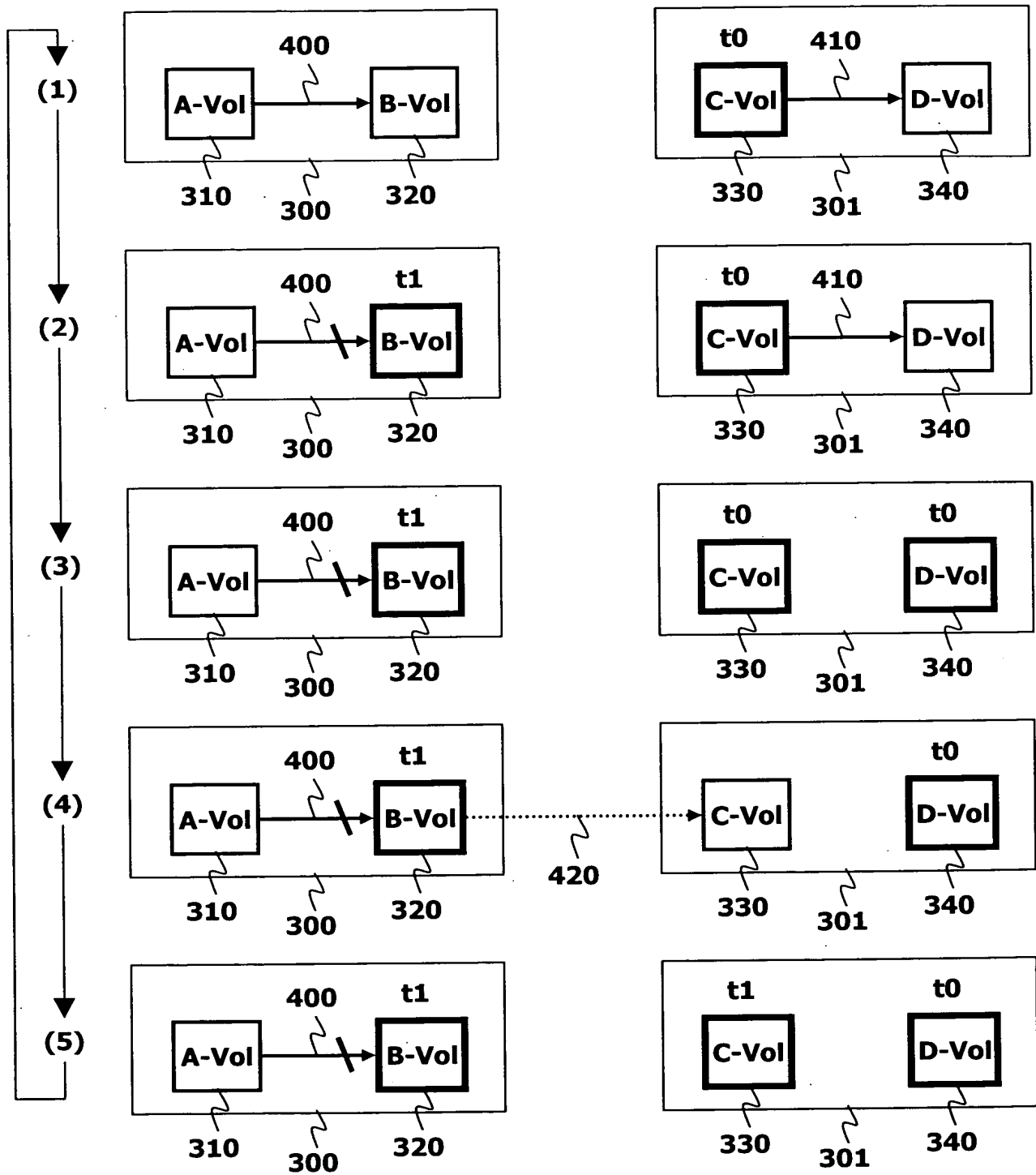


Fig.5

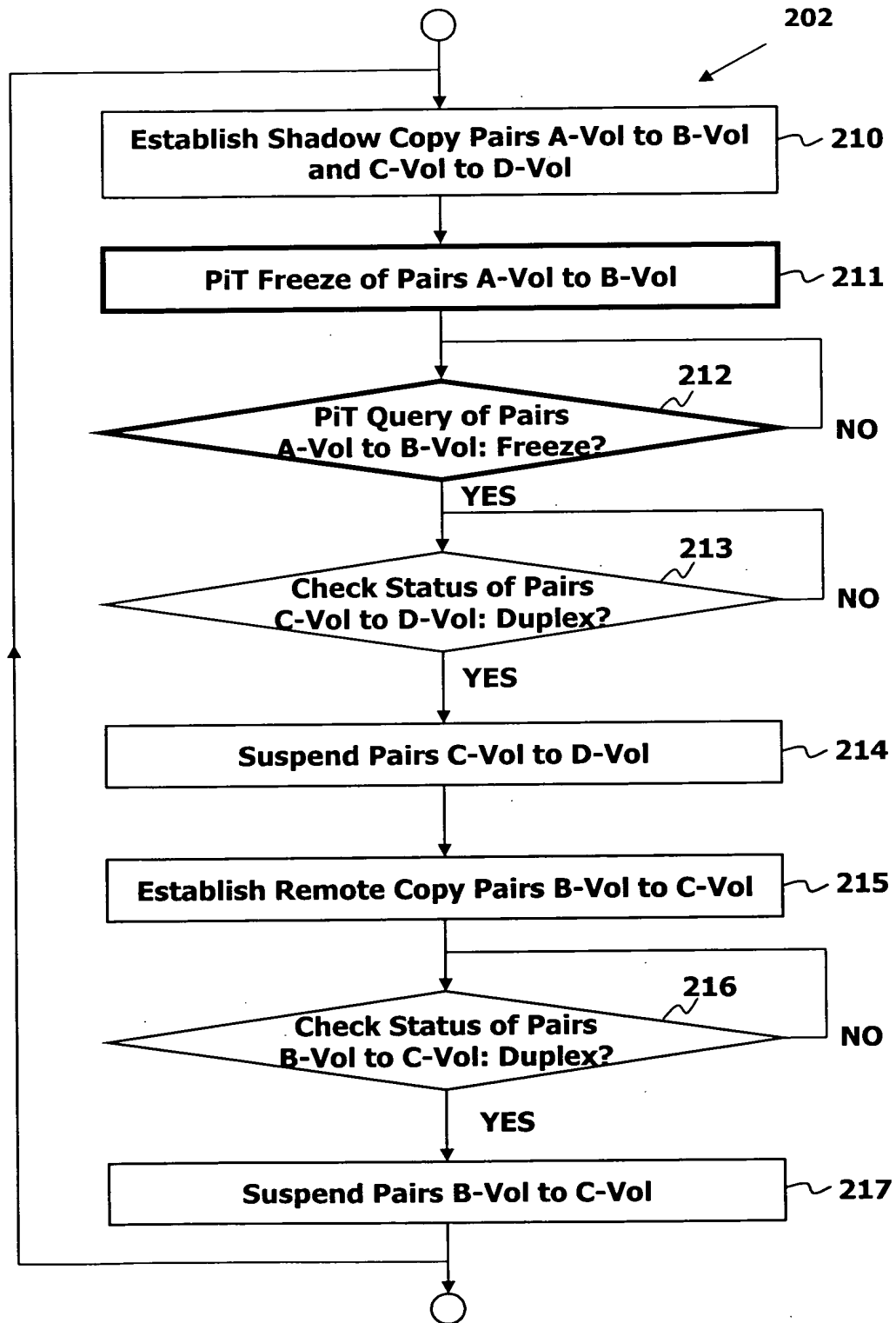


Fig.6

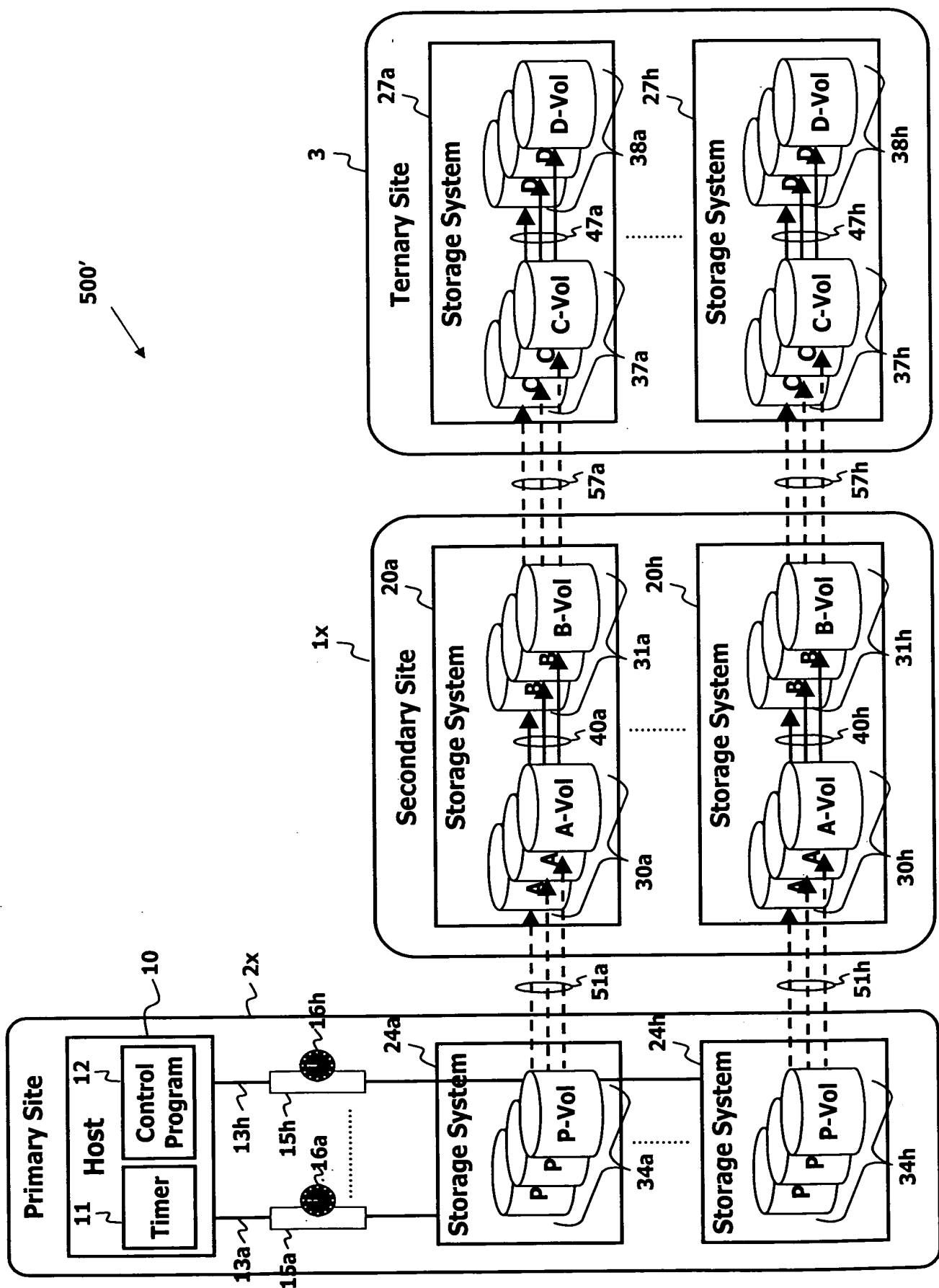


Fig.7

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